

## **CLAIMS**

### **What is Claimed:**

1. A computer method comprising the steps of:

i) providing a demand database comprising a compendium of individual  
5 demand history;

ii) providing a supply database comprising a compendium of at least one of  
product stockpile management solutions, product stockpile information,  
and product stockpile diagnostics;  
and

10 iii) employing a data mining technique for interrogating said demand and  
supply databases for generating an output data stream, said output data  
stream correlating demand problem with supply solution.

2. A method according to claim 1, comprising a step of updating the demand  
database.

15 3. A method according to claim 2, comprising a step of updating the demand  
database so that it includes the results of employing a data mining technique.

4. A method according to claim 1, comprising a step of updating the supply  
database.

5. A method according to claim 4, comprising a step of updating the supply database so that it includes the effects of employing a data mining technique on the demand database.
6. A method according to claim 2, comprising a step of refining a employed data mining technique in cognizance of pattern changes embedded in each database as a consequence of updating the demand database.
7. A method according to claim 4, comprising a step of refining a employed data mining technique in cognizance of pattern changes embedded in each database as a consequence of updating the supply database.
8. A method according to claim 1, comprising a step of employing neural networks as the data mining technique.
9. A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for providing an interactive product stockpile management database, the method comprising the steps of:
- i) providing a demand database comprising a compendium of individual demand history;

ii) providing a supply database comprising a compendium of at least one of product stockpile management solutions, product stockpile information, and product stockpile diagnostics;

and

5      iii) employing a data mining technique for interrogating said demand and supply databases for generating an output data stream, said output data stream correlating demand problem with supply solution.

10. A computer comprising:

10      i) means for inputting a demand database comprising a compendium of individual demand history;

ii) means for inputting a supply database comprising a compendium of at least one of product stockpile management solutions, product stockpile information, and product stockpile diagnostics;

15      iii) means for employing a data mining technique for interrogating said demand and supply databases;

and

iv) means for generating an output data stream, said output data stream correlating demand problem with supply solution.